


What is claimed is:

1. Method for packaging rolls, particularly paper web rolls (5), the method comprising the steps of taking a roll into a supported position on a wrapping station (6) and wrapping onto the roll a paper web wrapper (1, 1a) or the like material dispensed by means of at least one wrapper dispensing station (8) and dispensing means (9), whereby the wrapper is wound so as to form either a centered wrapping or an overlapping wrapping, **characterized** in that the roll (5) is aligned for the wrapping operation by means of transferring the wrapping station (6) laterally in the axial direction of the roll in regard to the wrapper dispensing system (8, 9).
2. Method according to claim 1, **characterized** in that in overlap wrapping the paper wrapper (1, 1a) is guided onto the roll (5) being wrapped in an oblique manner so that during wrapping the edges of the wrapper are wound in a helical manner onto the roll being wrapped.
3. Method according to claim 2, **characterized** in that the sharp edges of the wrapped layers are aligned partially or entirely overlapping so that a staggeredly stepped bond can be formed therebetween.
4. Method according to claim 2 or 3, **characterized** in that the oblique guidance of the wrapper (1, 1a) is performed by means of transferring the wrapping station (6) laterally during an ongoing wrapping operation.
5. Method according to claim 4, **characterized** in that the wrapper is aligned in an oblique position in regard to the wrapper dispensing system.
6. Method according to any one of foregoing claims 1-5, **characterized** in that the wrapping of a plastic wrap is performed in the same wrapping station in conjunction with the wrapping of the paper wrapper.

7. Method according to any one of foregoing claims 1-6, **characterized** in that the plastic wrap (4, 4a) is introduced at the finishing stage of the wrapping of the paper wrapper into the gap between the paper wrapper (1, 1a) and the roll (5) being wrapped in order to launch thereby the step of wrapping of the plastic wrap.

8. Apparatus for packaging rolls, particularly paper web rolls (5), the apparatus comprising a wrapping station (6) having a roll imported thereto and at least one wrapper dispensing station (8) with dispensing, severing and gluing means at the station(s) for wrapper materials of different widths and qualities, **characterized** in that the wrapping station (6) is made movable in the axial direction of the roll (5) for aligning the roll for either centered wrapping or overlap wrapping.

9. Apparatus according to claim 8, **characterized** in that the apparatus is equipped with a transfer mechanism for lateral movements in the axial direction of the roll for simultaneous transfer and wrapping of the roll.

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 10. Apparatus according to claim 8 or 9, **characterized** in that the wrapping station (6) and the wrapper dispensing system are arrangeable in an oblique disposition in regard to each other in order to obtain a staggered overlap wrap.

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11. Apparatus according to any one of claims 8-10, **characterized** in that one of the wrapping stations is a plastic-wrap wrapping station (10) having its wrap dispensing system adapted to operate in conjunction with the paper wrapper dispensing system (8, 9).

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12. Apparatus according to any one of claims 8-10, **characterized** in that the plastic-wrap wrapping station (10a) is adapted to operate in

conjunction wrapping station (6) separately from paper wrapper dispensing system (8, 9).

13. Package of a roll (5), particularly a paper web roll, comprising a wrapper, particularly a paper web wrapper (1, 1a) wound stagewise into at least two wrappings about the roll in an overlap fashion, **characterized** in that the paper web wrapper (1, 1a) is wound about the roll (5) in a slightly helical manner so that the edges of the wrapper layers overlap in a staggered fashion.

14. Roll package according to claim 13, **characterized** in that the staggered edges of the overlap wrapping are formed so that each superposed wrapper layer conceals the underlying wrapper layer, whereby in a finished wrapping of a product only one wrapper edge remains visible.

15. Roll package according to claim 13 or 14, **characterized** in that the sharp wrapper edges of the overlap wrapping are disposed in a regularly staggered fashion so that the thickness of the overlap area changes in a stepwise fashion (FIGS. 7, 7a).

16. Roll package according to claim 13 or 14, **characterized** in that the sharp edges of successive wrapper layers are wound partially overlapping or accurately coinciding with each other, whereby the overall thickness of the wrapping is minimized or, respectively, no extra thickness is caused at all (8, 8a, 9, 9a).

17. Roll package according to any one of claims 13-16, **characterized** in that the width of the paper web wrapper (1, 1a) is selected such that, in the wrapping overextending the roll end, the staggered edges of the wrapping can be folded entirely over the roll end or at least the edge of the uppermost wrapper layer overextending the roll end becomes concealed under the roll header.

18. Roll package according to any one of claims 13-17, **characterized** in that each one of the wrapper layers is intimately contacting and bonded to the equivalent wrapper layer of the closest parallel wrapping.

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19. Roll package according to any one of claims 13-18, c h a r a c t e r -
i z e d in that the package is partially or entirely covered by a plastic wrap (4,
4a).

[illegible]